



VMS

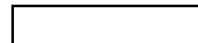


MISSION COVERAGE STATISTICS

KH-4 MISSION 1049-2

18-23 DECEMBER 1968

Declass Review by NIMA/DOD



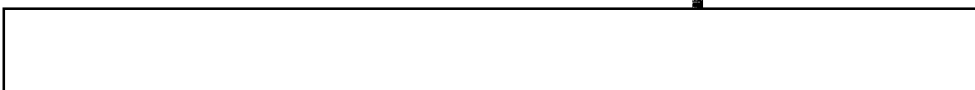
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JANUARY 1969

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13 PAGES

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AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION





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INTRODUCTION

This publication provides preliminary mission data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC Chart Areas, coverage plots, and preliminary data for Mission 1049-2, dated 18-23 December 1968 (GMT).



Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame numbers outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

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## PRELIMINARY MISSION DATA

Mission Number: 1049-2

Launch Date/Time (GMT): 12 December 1968/2222Z

Photo Dates (GMT): 18-23 December 1968

Recovery Date/Time (GMT): 23 December 1968/2330Z

Operational Photo Passes: 31

Operational Altitude Limits: 96-109 nautical miles

Photo Scale Range: 1:303,194 - 1:344,608

Operational Ground Coverage (Fwd and Aft):

- a. Linear nautical miles: 59,160
- b. Square nautical miles: 8,637,360

Frames:

- a. Operational

Fwd-Looking 2,965  
Aft-Looking 2,951

- b. Stellar 497

- c. Index 497

Operational Imagery Footage (Fwd and Aft): 14,654

Anomalies: No major malfunctions occurred during this mission.

Vehicle Attitude: Appears normal throughout the mission.

Image Quality:

a. Main Camera Material: The imagery is of poorer quality than that provided by the first bucket of this mission, due to an overall out-of-focus condition.

b. Index Camera: The camera functioned properly throughout the mission and provides imagery comparable to past missions of this system.

c. Stellar Camera: The camera was operational throughout the mission and provides up to twenty stellar images suitable for attitude determination.

d. Cloud-free Coverage: Approximately 70 percent of the mission is cloud free.

## GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute.

MISSION 1049-2

PASS	DATE(Z)	CAM ON HR(Z)	CAM ON MIN(Z)	CAM ON HR(Z)	CAM ON MIN(Z)
91D	18 December 1968	13	03	13	04
100D	19 December 1968	02	08	02	11
102D	19 December 1968	05	11	05	12
103D (Part 1)	19 December 1968	06	37	06	39
103D (Part 2)	19 December 1968	06	42	06	45
104D (Part 1)	19 December 1968	08	07	08	08
104D (Part 2)	19 December 1968	08	10	08	10
106D	19 December 1968	11	08	11	11
111D	19 December 1968	18	34	18	35
117D (Part 1)	20 December 1968	03	18	03	20
117D (Part 2)	20 December 1968	03	21	03	21
119D (Part 1)	20 December 1968	06	14	06	16
119D (Part 2)	20 December 1968	06	18	06	27
120D	20 December 1968	07	45	07	51
121D	20 December 1968	09	13	09	17
122D (Part 1)	20 December 1968	10	43	10	44
122D (Part 2)	20 December 1968	10	46	10	48
123D	20 December 1968	12	21	12	23
126D	20 December 1968	16	55	16	56
134D	21 December 1968	04	26	04	29
135D (Part 1)	21 December 1968	05	52	05	54
135D (Part 2)	21 December 1968	05	57	06	03
136D (Part 1)	21 December 1968	07	22	07	24
136D (Part 2)	21 December 1968	07	24	07	25
136D (Part 3)	21 December 1968	07	26	07	29
137D (Part 1)	21 December 1968	08	51	08	53
137D (Part 2)	21 December 1968	08	54	08	55
138D (Part 1)	21 December 1968	10	20	10	21
138D (Part 2)	21 December 1968	10	32	10	33
139D	21 December 1968	11	50	11	51
150D	22 December 1968	04	03	04	08
151D	22 December 1968	05	35	05	42
152D (Part 1)	22 December 1968	07	03	07	05
152D (Part 2)	22 December 1968	07	06	07	08
153D	22 December 1968	08	32	08	33
154D (Part 1)	22 December 1968	10	10	10	10
154D (Part 2)	22 December 1968	10	11	10	12
155D (Part 1)	22 December 1968	11	30	11	31
155D (Part 2)	22 December 1968	11	34	11	37
155D (Part 3)	22 December 1968	11	46	11	48
156D	22 December 1968	13	01	13	02
166D (Part 1)	23 December 1968	03	43	03	44
166D (Part 2)	23 December 1968	03	45	03	46
167D (Part 1)	23 December 1968	05	09	05	13
167D (Part 2)	23 December 1968	05	14	05	20
168D (Part 1)	23 December 1968	06	41	06	44
168D (Part 2)	23 December 1968	06	45	06	47
169D (Part 1)	23 December 1968	08	07	08	09
169D (Part 2)	23 December 1968	08	12	08	12

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EURASIA

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 SOUTH AMERICA

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SOUTHEAST ASIA

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